

SolarSmart™ Plus Roller Shutter Automation

A Greener And Smarter Way To Automate Roller Shutters!



SolarSmart™ Plus is an all-in-one, fully integrated solar automation system that incorporates a 4.2W solar panel, battery, control board and receiver. SolarSmart™ Plus is a greener and smarter way to automate roller shutters. It is the most advanced technology in solar powered roller shutter automation in Australia. Independent of mains power and with no hard wiring, SolarSmart™ Plus harnesses the sun's energy through solar cells (ideally positioned on the roof facing north, and in direct sunlight), which charges a concealed battery system that in turn powers a DC motor for automation. The SolarSmart™ Plus system is controlled via a specialised wireless remote control transmitter.

SolarSmart™ Plus offers an easier, more cost effective, environmental and efficient way to operate roller shutters, and is a much easier way to install motorised roller shutters.

Technical Specifications

Maximum Surface Area	12m ² roll formed profile 7.5m ² extruded profile
Minimum Shutter Width	500mm
Maximum Shutter Weight	50kg
Maximum Axle Diameter	Octagonal 70mm
Solar Panel/Unit Size	475mm x 95mm x 50mm
Solar Panel	4.2W 273mA 15V
Battery	12V DC NiMH Rechargeable 2600mA
Power Supply	12V
Radio Remote Frequency	433.4Mhz
Radio Remote Range	200m in free field

Suitable Applications

- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.

Features

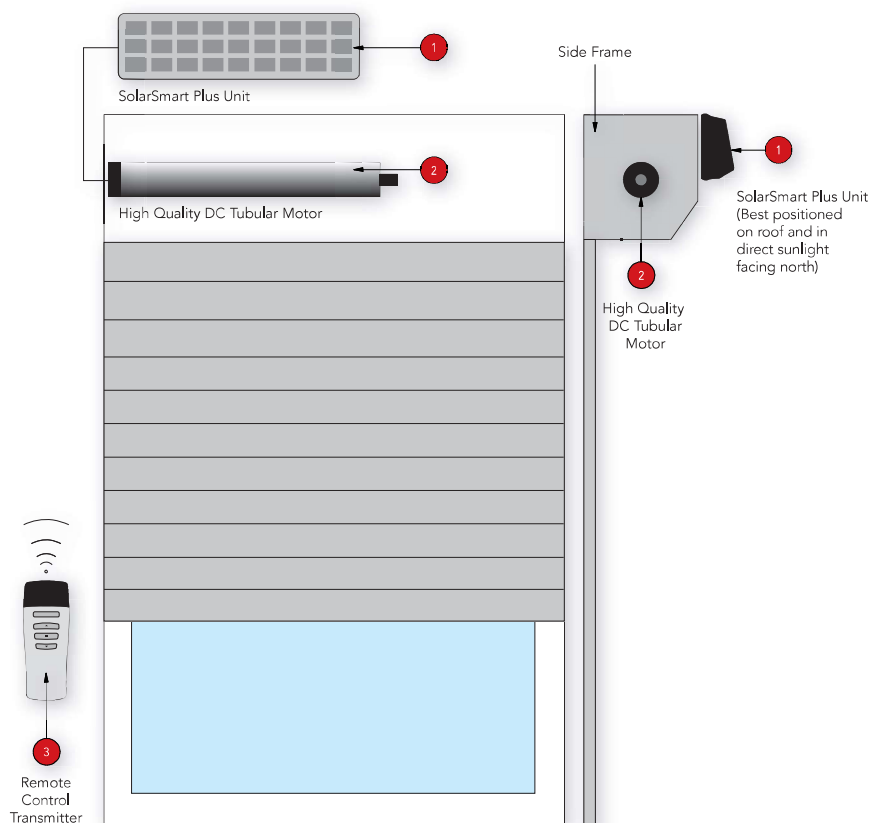
- Completely solar powered.
- Complete all-in-one fully integrated design.
- Green energy & environmentally friendly.
- Saves money on energy costs.
- No drilling or 240V hard wiring.
- Easy & quick to install.
- No need for electricians.
- Sleek & modern design.
- Quick clip mounting design.
- Remote control operated.
- Smooth electronic operation.
- Choice of profile colours.
- Compatible with Sensi-Fire™ Wireless.
- 5 year Guarantee on motor.
- 1 year Guarantee on solar panel, battery & electronics.
- Designed in Australia.



CW PRODUCTS
SHUTTER AND AUTOMATION SOLUTIONS

Roller Shutter Automation Systems

SolarSmart™ Plus System At A Glance



- 1 SolarSmart Plus Unit (incorporating 4.2W 273mA Solar Panel, 12V DC NiMH 2600mA Rechargeable Battery Pack & Radio Receiver)
- 2 SolarSmart 12V DC Tubular Motor
- 3 CW Maxim Radio Transmitter

Two Remote Control Options

Transmitters are powered by a 3 Volt Lithium button battery.



1 Channel Transmitter



6 Channel Transmitter

* Compatible with Sensi-Fire Wireless Shutter Safety System.



Three Solar Panel Unit Position Options

The SolarSmart™ Plus Unit is best positioned on the roof (facing north and in direct sunlight) for optimum performance. The solar panels are a Monocrystalline type with excellent power output even in cloudy conditions. SolarSmart™ Plus Units (incl solar panels) are supplied with two brackets. All wires must be protected from UV radiation and weather with all drill holes well sealed. The SolarSmart™ Plus Unit may require future maintenance and/or replacement. This should be considered in difficult to reach applications like on the second storey of a building.



Roof Mounted Unit



Unit to Pelmet*



Unit to Wall*

* SolarSmart Plus units are only to be positioned on or above the roller shutter if in direct sunlight and facing north, with a minimum of half a day of sunlight in both Summer and Winter. Otherwise for optimum performance, SolarSmart Plus units should be positioned on the roof in direct sunlight and facing north where possible. If not enough direct sunlight, you may need to move the SolarSmart Plus unit to a north facing or ideal position, with available extension cables.

To order please complete a [CW Products Made To Measure Roller Shutter Order Form](#).

SolarSmart™ Plus Accessories

SolarSmart™ Plus Motor Extension Cables

SolarSmart™ Plus Motor Extension Cables are available.

Description	Product Code
5 Metre	41-500-150
10 Metre	41-500-151



SolarSmart™ Plus Trickle Charger

SolarSmart™ Plus Power Supply/Trickle Chargers are available.

Description	Product Code
SolarSmart™ Plus 18V Power Supply/Trickle Charger	41-999-120-18



SolarSmart™ Plus Trickle Charger Loom

SolarSmart™ Plus Trickle Charger Looms are available.

Description	Product Code
SolarSmart™ Plus Trickle Charger Loom	41-500-181



SolarSmart™ Plus Tiled Roof Mounting Brackets

SolarSmart™ Plus Tiled Roof Mounting Brackets are available.

Description	Product Code
SolarSmart™ Plus Tiled Roof Mounting Brackets	41-500-123



SolarSmart™ Plus Remote Controls

Additional SolarSmart™ Plus Remote Controls (including Cradle) are available.

Description	Product Code
1 Channel	41-500-100
6 Channel	41-500-106

